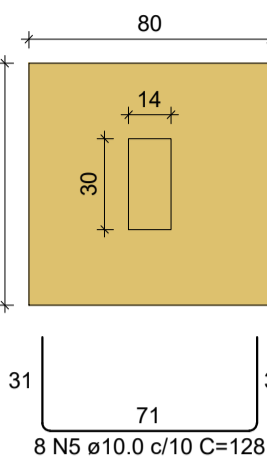


S1=S2=S3=S4=S5=S6=S7=S9=S10=S11=S12=S13
S15=S16=S17=S19=S20=S21

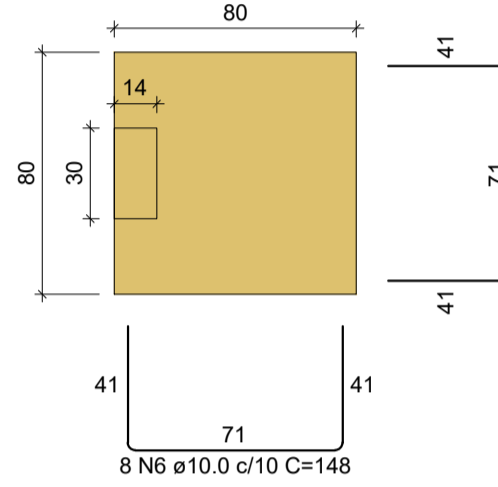
PLANTA
ESC 1:25



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S8=S14=S18=S22

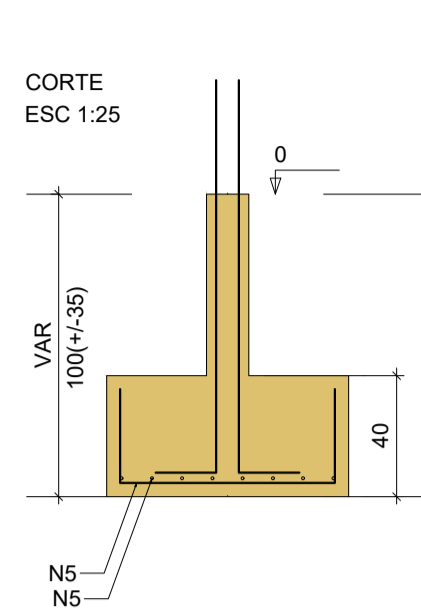
PLANTA
ESC 1:25



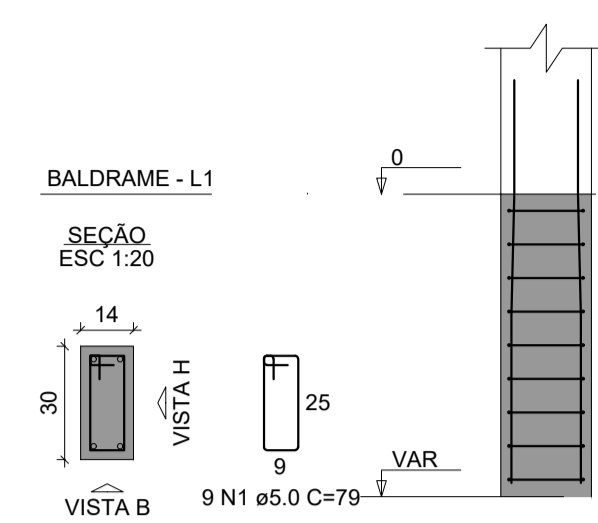
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1=P2=P3=P4=P5=P6=P9=P10=
=P11=P12=P13=P17=P19=P21

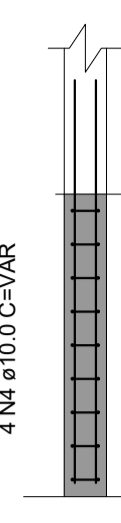
CORTE
ESC 1:25



VISTA H
ESC 1:25

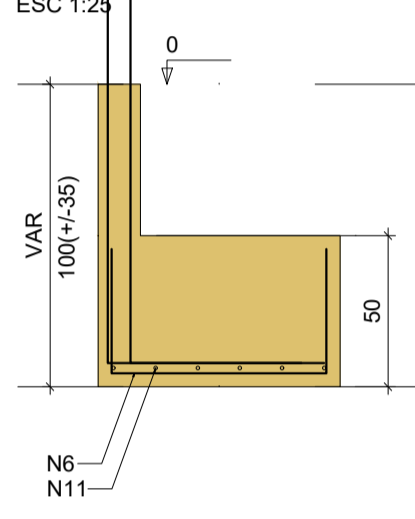


VISTA B
ESC 1:25

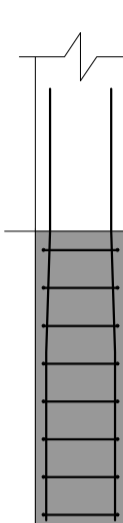


P8=P14=P18=P22

CORTE
ESC 1:25



VISTA H
ESC 1:25

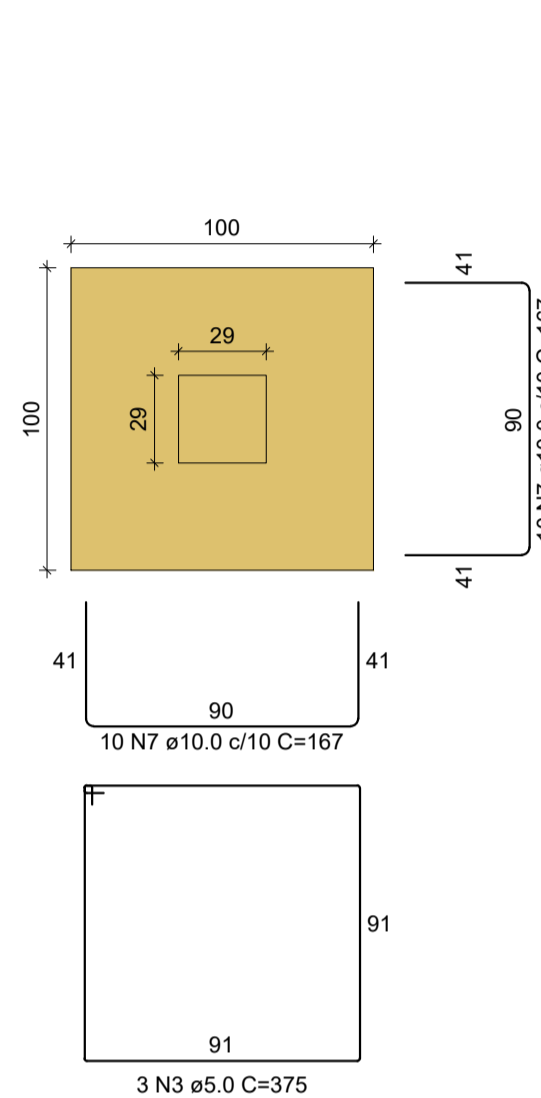


VISTA B
ESC 1:25

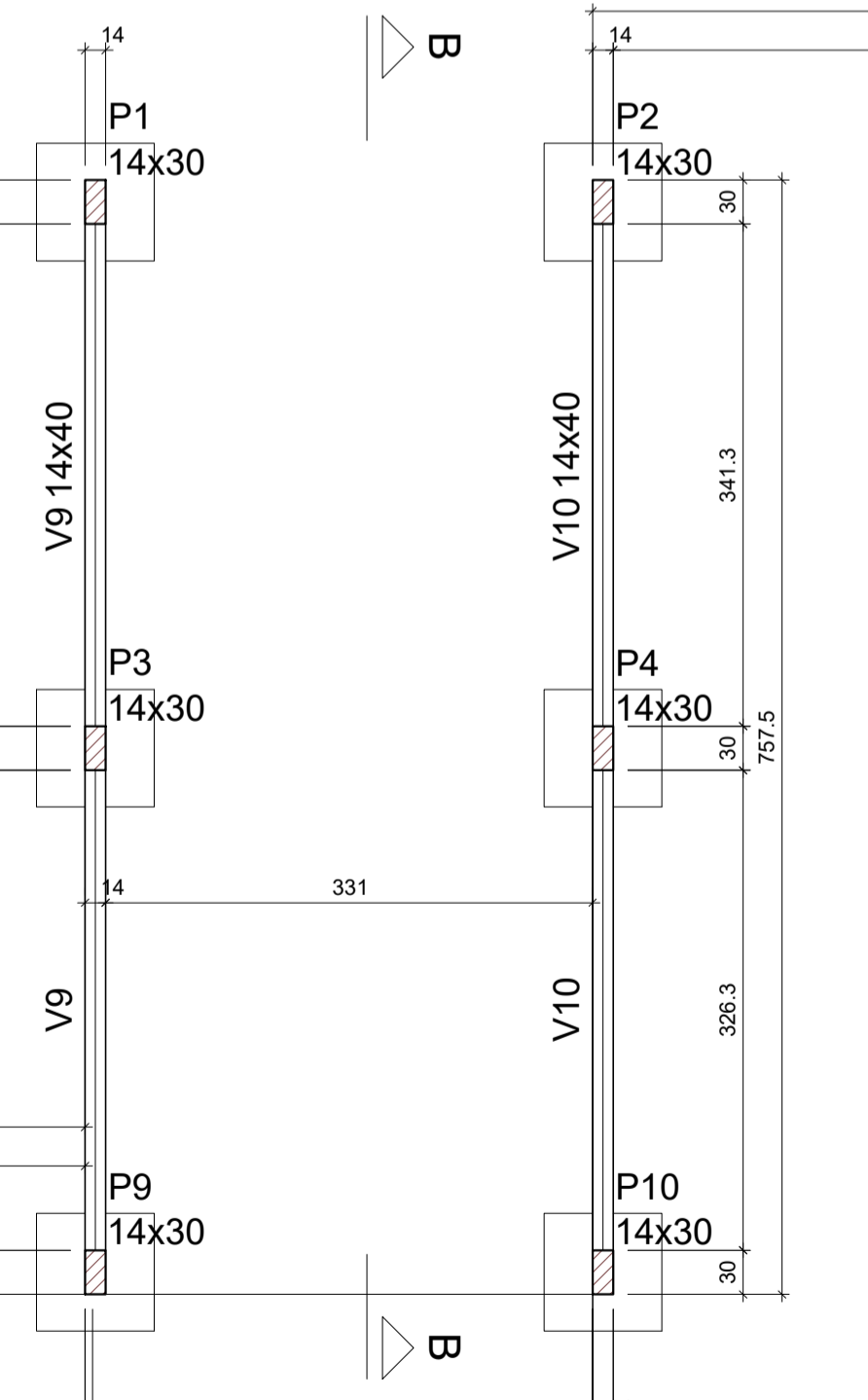


S23=S24

PLANTA
ESC 1:25



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

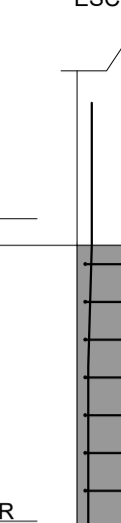
Forma do pavimento BALDRAME (Nível 0)

escala 1:50



P15=P16

VISTA H
ESC 1:25

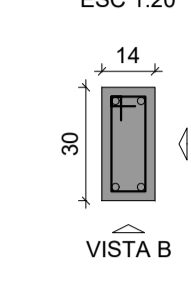


VISTA B
ESC 1:25



BALDRAME - L1

SEÇÃO
ESC 1:20



VISTA B

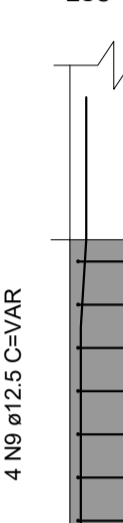
8 N1 ø5.0 C=79

P23=P24

VISTA H
ESC 1:25

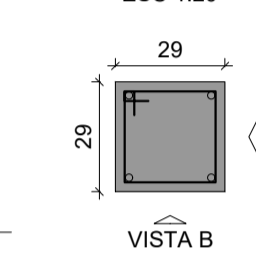


VISTA B
ESC 1:25



BALDRAME - L1

SEÇÃO
ESC 1:20



VISTA B

7 N2 ø5.0 C=107

RELAÇÃO DO AÇO

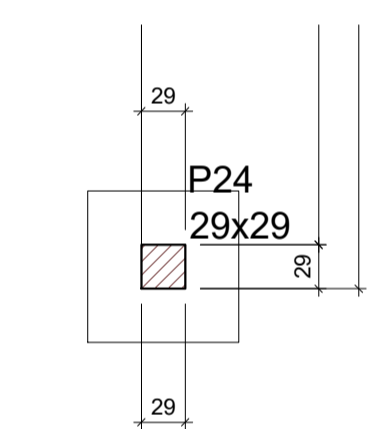
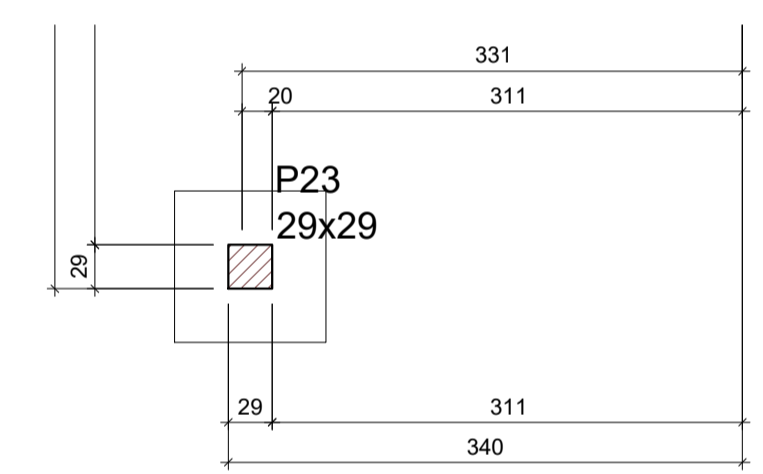
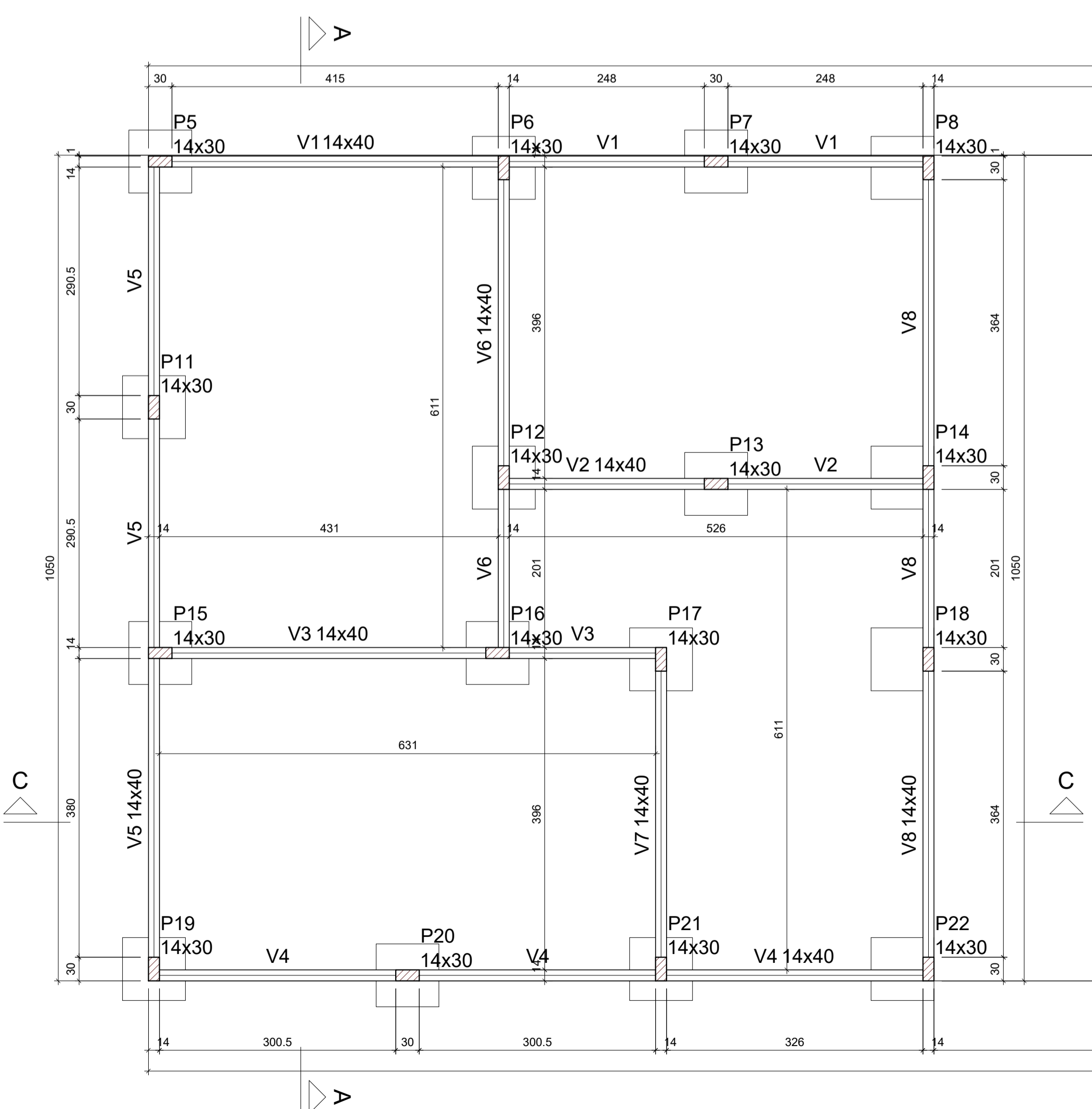
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	190	79	15010
	2	5.0	14	107	1498
	3	5.0	6	375	2250
CA50	4	10.0	56	VAR	VAR
	5	10.0	256	128	32768
	6	10.0	48	148	7104
	7	10.0	40	167	6680
	8	10.0	36	109	3924
	9	12.5	24	VAR	VAR
	10	12.5	16	VAR	VAR
11	12.5	36	147	5292	

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	10.0	589.9	55
CA60	12.5	124	12
CA60	5.0	187.6	18

PESO TOTAL (kg)
CA50 531.4
CA60 31.8

Volume de concreto (C-25) = 8.11 m³
Área de forma = 55.76 m²





TONELLI

Rua Planalto, S/N, bairro Jardim Planalto
CEP: 68.193-000 - Novo Progresso - PA

Eng. Civil e de Segurança do Trabalho
Roberto Tonelli Junior
Cel: (65) 98158-0908/E-mail:
tonelliengenharia1@gmail.com

Arquiteta e Urbanista Rafaela Pessoto Soares
Cel: (93) 98107-4260/E-mail:
toneliarquitectura1@gmail.com

PROJETO ESTRUTURAL

OBRA: Reforma e Ampliação do Hospital Municipal de Novo Progresso
ENDEREÇO: Rua Jucelino Kubischek, nº 98, Bairro Rui Pires de Lima, Novo Progresso - PA

PROPRIETÁRIO:
SECRETARIA MUNICIPAL DE SAÚDE DE NOVO PROGRESSO - PA
CNPJ: 11.287.726/000-173

AUTOR DO PROJETO:
ROBERTO TONELLI JUNIOR
CPF: 013.576.712-10

<p>ÁREAS:</p> <ul style="list-style-type: none"> - Área do Terreno:.....6.185,28 m² - Área a Construir:.....206,14 m² - Área a Reformar:.....1.410,21 m² - Área Total Edificação:.....1.616,35 m² 	<p>ASSUNTO/CONTEUDO:</p> <ul style="list-style-type: none"> - Armagem das Sapatas; - Planta de Forma Baldrame.
ESCALA: INDICADA	DATA: NOVEMBRO/2023 FOLHA: 02/05